



**NEW MEXICO ENVIRONMENT DEPARTMENT GROUND  
WATER QUALITY BUREAU**



**UNDERGROUND INJECTION CONTROL**

**GENERAL DISCHARGE PERMIT**

**Certified Mail- Return Receipt Requested**

**Facility Name:** Dunn Edwards Paints 215 Rossmoor Rd. SW

**Facility Location:** 215 Rossmoor Rd. SW  
Albuquerque, NM  
Bernalillo County

**Legally Responsible Party:** Dunn-Edwards Corporation  
Attn: Robert Wendoll  
Director of Environmental Affairs  
4885 East 52<sup>nd</sup> Place  
Los Angeles, CA 90058  
323-826-2663

**Remediation Oversight Agency Contact:** New Mexico Environment Department  
Ground Water Quality Bureau Voluntary  
Remediation Program  
Savannah Richards  
505-827-3253

**Remediation or Injection Plan Identification:** Remediation Work Plan - Revision 1, 215  
Rossmoor Rd. SW, Albuquerque, New Mexico

**Permitting Action:** NEW DP-1913

**PPS Contact** Jason Herman  
Phone Number: 505-827-2713

**EFFECTIVE DATE:** XX/XX/XXXX **TERM ENDS:** XX/XX/XXXX

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**Michelle Hunter**  
**Chief, Ground Water Quality Bureau**

[Subsection H of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.I]

## I. UIC GENERAL DISCHARGE PERMIT

The New Mexico Environment Department (NMED) Ground Water Quality Bureau (GWQB) issues this Underground Injection Control General Discharge Permit (UIC Permit) for the subsurface emplacement of additive fluids through a Class V UIC injection well for the purpose of facilitating vadose zone or groundwater remediation. The GWQB issues this UIC Permit to Dunn-Edwards Corporation (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

In issuing this UIC Permit, the GWQB has determined that the requirements of Subsection C of 20.6.2.3109 NMAC have been met. The activities authorized by this UIC Permit are principally governed by Remediation Work Plan - Revision 1, 215 Rossmoor Rd. SW, Albuquerque, New Mexico (Injection Plan), under the authority of 20.6.2.4000-4999 NMAC, with oversight by the New Mexico Ground Water Quality Bureau Voluntary Remediation Program. Compliance with this UIC Permit requires compliance with the terms, requirements, and conditions of the Injection Plan. The term of this UIC Permit shall be no longer than five years from the effective date of this UIC Permit.

The injection activities, the location of the injection site, the type of injection and quantities of additives being used are briefly described as follows:

### **Injection Activities (summary: including injection well type, number of wells, and injection frequency)**

Copy of the Injection Plan Attached (required): ☒

Summary of Injection Plan: AECOM has contacted Alpine Remediation to provide a preliminary remediation plan to address groundwater impacts using in-situ injections of BOS200®. Alpine has suggested injections in four target areas A, B, C, and D. Area A is approximately 2,250 square feet in the vicinity of MW-1 and BH-9. Area B encompasses BH-3, BH-6, and MW-8 and covers an area of approximately 3,750 square feet. Area C is approximately 5,700 square feet and injections are focused around BH-35 and MW-5. Area D is the remaining suspected groundwater impact area, not included in areas A, B, and C, which is approximately 28,300 square feet. Injections are planned on a 7.5-foot grid for areas A, B, and C and a 10-foot grid for area D.

Injection depths are assumed to occur from the top of the smear zone to the total depth of the monitoring wells. Injections of BOS200® and other substrate materials are injected every foot from 8, 6, 6, 6 feet bgs to 20 feet bgs for areas A, B, C, and D, respectively. The total number of injections per area is estimated to be 40, 66, 100, and 284 for areas A, B, C, and D, respectively. Direct-push technology will be used at the injection methodology and will be performed in a top-down manner in all areas.

### **Injection Site Information**

Depth to most shallow groundwater (required): 8.23 ft

Existing concentration of total dissolved solids (TDS) in groundwater (required): 773 mg/L

Location (required): Dunn Edwards Paints 215 Rossmoor Rd. Area of MW-1, MW-5, and MW-6 on N side of site.

County (required): Bernalillo

Latitude: 35° 1'52.18"N

Longitude: 106°39'38.79"W

Map Showing Area of Injection Sites Attached (required): ☒

#### **Additives Being Used (including volumes, manufacturer, and mixing ratios)**

See attached Safety Data Sheets for additives being used. 15-20 gallons of a BOS-200, bacteria, and water mixture will be used per each injection depth in areas A-C(See attached map). Approximate ratio per each depth will be 10 pounds of BOS-200 and 20 gallons of water. Area D will use 35-50 gallons of mixture per each injection depth.

#### **Anticipated Precipitation, Dissolution, Adsorption, and Desorption Products**

##### **Composition of Proposed Injectate**

Ingredient	Composition
Water	94.4 wt % = 944,000 ppm
Activated Carbon	4.3 wt % = 43,000 ppm
Micro-Nutrients	0.22 wt % = 2,200 ppm
Gypsum	1.1 wt % = 11,000 ppm
Bacteria carbon	6.4 x 10 <sup>7</sup> Colony Forming Units/ gram of

#### **Public Notice Posting Locations**

2 inch by 3 inch Newspaper Ad required for Renewal applications.

**Newspaper:** N/A

3 inch by 4 inch Newspaper Ad required for New, Modification, and Renewal/Modification applications.

**Newspaper:** Albuquerque Journal

2 feet by 3 feet sign posted for 30 days in a location conspicuous to the public at or near the facility required for New, Modification, and Renewal/Modification applications.

**Sign Location:** Corner of 2<sup>nd</sup> and Rio Bravo Blvd.

8.5 inch by 11 inch or larger posted off-site location conspicuous to the public (e.g. public library). Required for New, Modification, and Renewal/Modification applications.

**Flyer Location:** Sign will be posted at nearest library

This UIC Permit consists of the complete and accurate completion of this UIC Permit form as determined by the GWQB.

Issuance of this UIC Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

### **Signatures**

Signature must be that of the person listed as the legally responsible party on this application.

*I, the applicant, attest under penalty of law to the truth of the information and supporting documentation contained in this application for an Underground Injection Control General Discharge Permit.*

### **Applicant's Signature**

Signature:

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Date:

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Printed Name:

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Title:

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DRAFT

## **II. FINDINGS**

In issuing this UIC Permit, GWQB finds:

1. The Permittee is injecting fluids so that such injections will move directly or indirectly into groundwater within the meaning of Section 20.6.2.3104 NMAC.
2. The Permittee is injecting fluids so that such fluids will move into groundwater of the State of New Mexico which has an existing concentration of 10,000 mg/L or less of TDS within the meaning of Subsection A of 20.6.2.3101 NMAC.
3. The Permittee is using a Class V UIC well as described in 20.6.2.5002(B)(5)(d)(ii) NMAC for in situ groundwater remediation by injecting a fluid that facilitates vadose zone or groundwater remediation.
4. The Permittee is injecting fluids into groundwater in order to achieve the remediation goals identified in the Injection Plan.

## **III. AUTHORIZATION TO DISCHARGE**

The Permittee is authorized to inject chemical additives into groundwater in accordance with this UIC Permit and the Injection Plan under the oversight of New Mexico Ground Water Quality Bureau Voluntary Remediation Program.

[20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection C of 20.6.2.3109 NMAC]

## **IV. CONDITIONS**

The conditions of this UIC Permit shall be complied with by the Permittee and are enforceable by GWQB.

1. The Permittee shall perform remediation activities in accordance with the Injection Plan and shall notify GWQB of any changes prior to making them.

[20.6.2.3107 NMAC]

2. The Permittee shall monitor the injection activities and their effects on groundwater quality as required by the Injection Plan and shall provide GWQB with electronic copies of the required reporting and any pertinent documentation of activities at the site.

[20.6.2.3107.A NMAC, 20.6.2.3109.A NMAC]

3. If the GWQB or the Permittee identifies any failure of the Injection Plan or this UIC Permit to comply with 20.6.2 NMAC not specifically noted herein, GWQB may require the Permittee to submit a corrective action plan and a schedule for completion of corrective actions to address the failure.

Additionally, the GWQB may require the Permittee to submit a proposed modification to the Injection Plan, this UIC Permit, or both.

[20.6.2.3107.A NMAC, 20.6.2.3109.E NMAC]

4. ADDITIONAL MONITORING REQUIREMENTS – (RESERVED) - Placeholder for any added monitoring and reporting requirements.
5. TERMINATION – Within 30 days of completion of activities authorized by this UIC Permit the Permittee shall submit a closure report and a request to terminate the UIC Permit to the GWQB for its approval. The closure report shall identify how the injection well(s) was (were) closed in accordance with the Injection Plan. The Permittee shall provide New Mexico Ground Water Quality Bureau Voluntary Remediation Program with a copy of this closure report.

[20.6.2.5005 NMAC, 19.27.4 NMAC]

6. INSPECTION and ENTRY – The Permittee shall allow a representative of the NMED to inspect the facility and its operations subject to this UIC Permit and the WQCC regulations. The GWQB representative may, upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which are located any records required to be maintained by regulations of the federal government or the WQCC.

The Permittee shall allow the GWQB representative to have access to, and reproduce for their use, any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this UIC Permit and the WQCC regulations.

Nothing in this UIC Permit shall be construed as limiting in any way the inspection and entry authority of GWQB under the WQA, the WQCC Regulations, or any other local, state, or federal regulations.

[20.6.2.3107.D NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]

7. MODIFICATIONS and/or AMENDMENTS – In the event the Permittee proposes a change to the injection plan that would result in a change in the volume injected; the location of the injections; or the concentration of the additives being injected by the facility, the Permittee shall notify GWQB prior to implementing such changes. The Permittee shall obtain approval (which may require modification of this UIC Permit) by GWQB prior to implementing such changes.

[20.6.2.3107.C NMAC, 20.6.2.3109.E and G NMAC]

8. COMPLIANCE with OTHER LAWS – Nothing in this UIC Permit shall be construed in any way as relieving the Permittee of the obligation to comply with all applicable federal, state, and local laws, regulations, permits, or orders.

[NMSA 1978, § 74-6-5.L]

9. PERMIT FEES – Payment of permit fees is due at the time of UIC Permit approval. Permit fees shall be paid in a single payment remitted to GWQB no later than 30 days after the UIC Permit effective date.

Permit fees are associated with issuance of this UIC Permit. Nothing in this UIC Permit shall be construed as relieving the Permittee of the obligation to pay all permit fees assessed by GWQB. A Permittee that ceases injecting or does not commence injecting during the term of the UIC Permit shall pay all permit fees assessed by GWQB. An approved UIC Permit shall be suspended or terminated if the facility fails to remit a payment by its due date.

[20.6.2.3114.F NMAC, NMSA 1978, § 74-6-5.K]